

Title (en)
AUTOMATED BELT SPEED CONTROL

Title (de)
AUTOMATISIERTE BANDGESCHWINDIGKEITSREGELUNG

Title (fr)
COMMANDE AUTOMATISÉ DE VITESSE DE COURROIE

Publication
EP 3574741 A1 20191204 (EN)

Application
EP 19176908 A 20190528

Priority
US 201815994588 A 20180531

Abstract (en)
An agricultural harvesting machine includes a header, a feederhouse and a draper belt configured to transport agricultural material to the feederhouse of the agricultural harvesting machine. The agricultural harvesting machine also includes a motor configured to drive the draper belt and a draper belt control system configured to determine a distribution of crop across the header of the agricultural harvesting machine and, based on the distribution of crop, generate a control signal for the motor to modify an operating characteristic of the draper belt.

IPC 8 full level
A01D 41/127 (2006.01); **A01D 41/14** (2006.01); **A01D 57/20** (2006.01)

CPC (source: BR EP US)
A01D 41/1271 (2013.01 - BR EP); **A01D 41/1274** (2013.01 - US); **A01D 41/142** (2013.01 - EP US); **A01D 57/20** (2013.01 - EP US)

Citation (search report)

- [X] DE 102008043716 A1 20100520 - DEERE & CO [US]
- [A] US 2014047810 A1 20140220 - PETERS OLE [DE], et al
- [AP] EP 3476199 A1 20190501 - DEERE & CO [US]
- [A] EP 2382854 A1 20111102 - DEERE & CO [US]
- [A] EP 2586286 A1 20130501 - DEERE & CO [US]

Cited by
EP4356713A1; DE102022127703A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3574741 A1 20191204; **EP 3574741 B1 20230208**; BR 102019007427 A2 20191203; CA 3038148 A1 20191130; US 10813288 B2 20201027; US 2019364733 A1 20191205

DOCDB simple family (application)
EP 19176908 A 20190528; BR 102019007427 A 20190411; CA 3038148 A 20190327; US 201815994588 A 20180531